

JAN 14 1982



TECHNICAL

DATA

BULLETIN NO.

375

TURCO PRODUCTS • A DIVISION OF PUREX CORPORATION

• CARSON, CALIFORNIA 90745 • OFFICES IN ALL PRINCIPAL CITIES

May 5, 1972

Revised: March 5, 1974

TURCO 5787

AIRPORT RUNWAY RUBBER REMOVER

DESCRIPTION

TURCO 5787 is a dark-brown liquid that is designed to be diluted with 2 parts water for the removal of rubber deposits from airport runway surfaces, factory floors, etc.

PROPERTIES

1. TURCO 5787 meets presently established environmental and ecology requirements. Does not contain phenols, cresylic acid, creosotes, orthodichlorobenzene, caustic, or other ingredients considered detrimental to the environment.
2. Non-flammable.
3. Biodegradable.
4. Not deleterious to concrete, asphaltic concrete, or expansion joint seal materials when used as directed.

USE INSTRUCTIONS

1. Mix 1 part TURCO 5787 with 2 parts water. This will form a whitish-tan emulsion when agitated.
2. Apply TURCO 5787 diluted mixture using distributor tank truck with 8'-10' spreader bar or with similar equipment. The spreader bar spray nozzles should be not more than 6 inches from runway surface to avoid excessive atomization and loss of solvents contained in TURCO 5787. Application equipment should incorporate a recirculating pump or some method of agitation. Spreader bar pressure should not exceed 3 to 5 psi. NOTE: BE SURE APPLICATION EQUIPMENT IS CLEAN. Asphalt sealing compound or tar residues will reduce rubber removal effectiveness of TURCO 5787.

3. Apply evenly at the rate of approximately one gallon of the diluted mixture per 50 square feet of runway surface. Be sure runway surface temperature is not lower than 45°F. nor in excess of 85°F.
4. After a dwell of approximately 15 to 45 minutes (depending on the thickness of the rubber deposit and the runway surface temperature), the rubber and TURCO 5787 mixture is ready to water rinse.
5. Using a water tank truck with an 8'-10' spray bar containing "v" jet nozzles mounted approximately 4 to 6 inches above runway surface, proceed to flush the loosened rubber and spent TURCO 5787 mixture from the runway. NOTE: The water pressure at the "v" jet nozzles should not be less than 150 psi for the efficient removal of all of the rubber deposit.
6. If agitation equipment is available, either a rotary brush street sweeper or platform drag type brush, agitate the TURCO 5787 and loosened rubber prior to the high pressure water rinse. This agitation will be especially helpful where inadequate rinsing is involved.

SUGGESTED APPLICATION TECHNIQUES

1. Be sure the TURCO 5787 diluted mixture is circulated or mixed thoroughly prior to and during application. This is essential since TURCO 5787 was specifically formulated to be an unstable emulsion so that it will split and form a two-layer solution on the runway, thereby reducing solvent loss through evaporation.
2. Apply the TURCO 5787 diluted mixture starting at the center line of the runway and working outwards toward the edges.
3. After the required dwell, the rubber deposit will bond release or break loose from the runway surface in small strips and pieces. It is suggested a check of the rubber condition be made using a spatula or putty knife prior to the high-pressure water rinse. Rinsing should be accomplished from the center line of the runway washing the loosened rubber and TURCO 5787 residue to the outer edges.
4. TURCO 5787 contains volatile solvents that penetrate the rubber deposits. If the runway surface is in excess of 85°F., these solvents evaporate before being able to attack the rubber, necessitating several TURCO 5787 applications. For most economical and efficient runway cleaning, be sure the surface temperature does not exceed 85°F. Apply water, if necessary, to cool down the surface prior to application.
5. The spray or application pressures should be held to a minimum. Avoid atomizing the TURCO 5787. Use gravity feed to the spray nozzles or pressures not in excess of 3 to 5 psi.

TOXICITY AND HAZARDS

TURCO 5787 contains chlorinated hydrocarbons and should be used with adequate ventilation. Avoid prolonged contact with the skin. Avoid contact with eyes. Exercise caution in opening containers, since material may have a tendency to spurt. Should TURCO 5787 accidentally get into the eyes, flush with large volume of water and consult a physician.

Refer to product label on container for additional precautionary and handling information.

PACKAGING

TURCO 5787 is available in 55-gallon drums. Also available in tank truck where economically advisable.

NOTICE

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience, however, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage or injury, direct or consequential, arising out of the use of this product.

DFH:mc
375
3/74